

# Project Audit

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Project:  
**Xeebster**

December 12, 2021



# XEEB

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**XEEBSTER**



## Overview

This audit has been prepared for **Xeebster** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	XEEBSTER
Ticker	XEEB
Contract	0xfAE5a913fAc73Ef8ED647e53dc42d2fEBc9eA6c9
Network	Binance Smart Chain
Language	Solidity
Tax	16% <ul style="list-style-type: none"><li>• 10% - BUSD to holders &amp; eligible Dev wallet and Marketing wallet</li><li>• 3% - Buyback burn</li><li>• 3% - Liquidity pool</li><li>• 0% - Marketing (could increase)</li></ul>
Total Supply	1,000,000,000,000,000
Contract Type	Rewards Token
Status	Launched

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓



# Security Threats

Most of the security threats present are present only with authorized wallet accounts. Owner privileges could constitute an elevated risk on the smart contract security.

- **Owner can stop distribution rewards:** By setting low gas limit usage on distribution execution. Also, by setting a high distribution threshold or high minimum period of distribution.

```
function setDistributorSettings(uint256 gas) external authorized {
    require(gas < 750000, "Gas must be lower than 750000");
    distributorGas = gas;
}
```

```
function setDistributionCriteria(uint256 _minPeriod, uint256 _minDistribution) external authorized {
    distributor.setDistributionCriteria(_minPeriod, _minDistribution);
}
```

```
function process(uint256 gas) external override onlyToken {
    uint256 shareholderCount = shareholders.length;

    if (shareholderCount == 0) {
        return;
    }

    uint256 gasUsed = 0;
    uint256 gasLeft = gasleft();

    uint256 iterations = 0;

    while (gasUsed < gas && iterations < shareholderCount) {
        if (currentIndex >= shareholderCount) {
            currentIndex = 0;
        }

        if (shouldDistribute(shareholders[currentIndex])) {
            distributeDividend(shareholders[currentIndex]);
        }

        gasUsed = gasUsed.add(gasLeft.sub(gasleft()));
        gasLeft = gasleft();
        currentIndex++;
        iterations++;
    }
}
```

# Security Threats

- Owner can stop taxes distribution by setting swap preconditions.

```
function setSwapBackSettings(bool _enabled, uint256 _amount) external authorized {
    swapEnabled = _enabled;
    swapThreshold = _amount;
}
```

- Owner can set liquidity and marketing tax receivers.

```
function setFeeReceivers(address _autoLiquidityReceiver, address _marketingFeeReceiver) external authorized {
    autoLiquidityReceiver = _autoLiquidityReceiver;
    marketingFeeReceiver = _marketingFeeReceiver;
}
```

- Owner can update all taxes

```
function setFees(
    uint256 _liquidityFee,
    uint256 _buybackFee,
    uint256 _reflectionFee,
    uint256 _marketingFee,
    uint256 _feeDenominator
) public authorized {
    _setFees(_liquidityFee, _buybackFee, _reflectionFee, _marketingFee, _feeDenominator);
}

function _setFees(
    uint256 _liquidityFee,
    uint256 _buybackFee,
    uint256 _reflectionFee,
    uint256 _marketingFee,
    uint256 _feeDenominator
) internal {
    liquidityFee = _liquidityFee;
    buybackFee = _buybackFee;
    reflectionFee = _reflectionFee;
    marketingFee = _marketingFee;
    totalFee = _liquidityFee.add(_buybackFee).add(_reflectionFee).add(_marketingFee);
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator / 4, "Total fee should not be greater than 1/4 of fee denominator");
}
```

# Security Threats

- Owner can set fee exempt addresses

```
function setIsFeeExempt(address holder, bool exempt) external authorized {  
    isFeeExempt[holder] = exempt;  
}
```

- Owner can exclude addresses from dividends

```
function setIsDividendExempt(address holder, bool exempt) external authorized {  
    require(holder != address(this) && holder != pair);  
    isDividendExempt[holder] = exempt;  
    if (exempt) {  
        distributor.setShare(holder, 0);  
    } else {  
        distributor.setShare(holder, _balances[holder]);  
    }  
}
```

- Owner can set buyback amount, periods, and availability

```
function setAutoBuybackSettings(  
    bool _enabled,  
    uint256 _cap,  
    uint256 _amount,  
    uint256 _period  
) external authorized {  
    autoBuybackEnabled = _enabled;  
    autoBuybackCap = _cap;  
    autoBuybackAccumulator = 0;  
    autoBuybackAmount = _amount;  
    autoBuybackBlockPeriod = _period;  
    autoBuybackBlockLast = block.number;  
}
```



# Xeebster Project & Team Review

According to their website, Hung Finance's mission is to facilitate crypto passive income (through BNB rewards) in order to provide long term crypto investment.

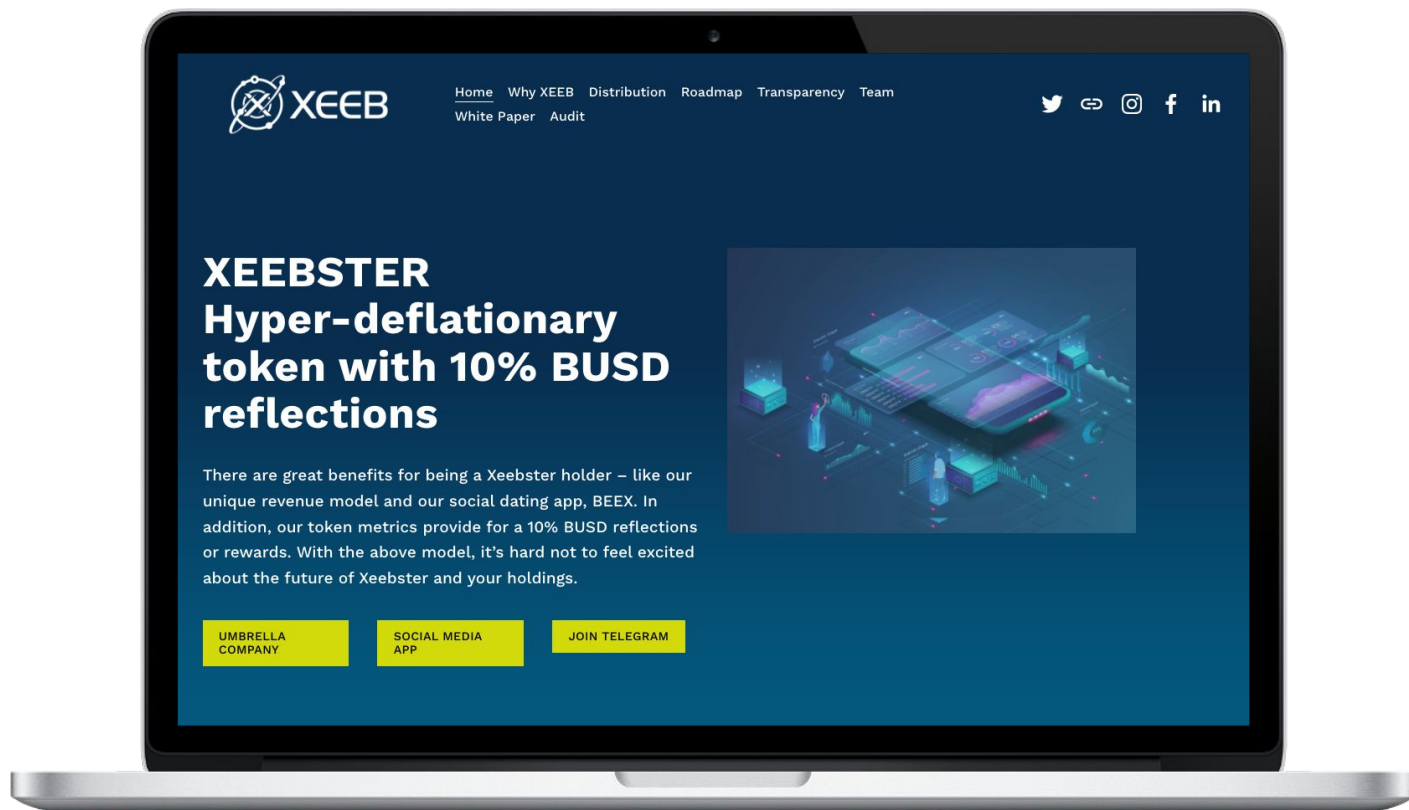
## Team:

- Owner is doxxed (no LinkedIn)
- The rest of the team is semi-doxxed
- Team is active on Telegram

First Burn	519,000,000,000,000,000 (51,96%)
Private sale	175,000,000,000,000
Presale	167,500,000,000,000
Liquidity	105,000,000,000,000
Team wallet (vesting)	10,000,000,000,000

# Website Analysis

- **Design:** Simple with a cohesive color scheme.
- **Content:** Content is well written with no grammar errors.
- **Whitepaper:** Well written and it matches the rest of the content and numbers.
- **Roadmap:** Divided into "Phases". No specific dates set
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

- 6677 members
- Active devs & mods



## Twitter

- 7806 Followers
- Very active



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: [SpyWolf.co](https://SpyWolf.co)
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**



# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.